

## Product datasheet for **MC218186**

### Igh (BC053409) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Igh (BC053409) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Igh
Synonyms:	Igh6, muH, Igm, IGHM
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >BC053409  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAATGGCCTTGATCTTTCTTCTCCTCTGTGACTGAGGTTGCCACTCCAGGTTGAGCTGC  
 AGCAGTCTGGACCTGAGCTGGTGAAGCCTGGGGCCTCAGTGAAGATTTCTGCAAGGCTTCTGGCTACGC  
 ATTCAGTAGTCTCGGATGAACTGGGTGAAGCAGAGGCCCTGAAAAGGGTCTTGAGTGATTGGACGGGTT  
 TATCCTGGAGATGGAGATACTAACTACAATGGGAAGTTCAAGGGCAAGGCCACACTGACTGCAGACAAAT  
 CCTCCAGCACAGCCTACATGCAACTCAGCAGCCTGACATCTGAGGACTCTGCGGTCTACTTCTGTCAAG  
 AGACTACGGTAGTAGCTATAGGTTTGCTTACTGGGGCCAAGGGACTCTGGTCACTGTCTGCGAGAGAT  
 CAGTCTTCCCAAATGTCTTCCCCTCGTCTCCTGCGAGAGCCCCCTGTCTGATAAGAATCTGGTGGCCA  
 TGGGCTGCCTGGCCGGGACTTCTGCCAGCACCATTTCTTCCCTGGAACCTACCAGAACAACGCTGA  
 AGTCATCCAGGGTATCAGAACCCTCCCAACTGAGGACAGGGGGCAAGTACCTAGCCACCTCGCAGGTG  
 TTGCTGTCTCCCAAGAGCATCCTTGAAGGTTGAGATGAATACCTGGTATGCAAAAATCCACTACGGAGGCA  
 AAAACAAAGATCTGCATGTGCCATTCCAGCTGTGCGAGAGATGAACCCCAATGTAAATGTGTTCTGTC  
 ACCACGGGATGGCTTCTCTGGCCCTGCACCACGCAAGTCTAAACTCATCTGCGAGGCCACGAACTTCACT  
 CCAAAACCGATCACAGTATCCTGGCTAAAGGATGGGAAGCTCGTGAATCTGGCTTACCACAGATCCGG  
 TGACCATCGAGAACAAAGGATCCACACCCCAAACTACAAGGTGATAAGCACACTTACCATCTGAAAT  
 CGACTGGCTGAACCTGAATGTGTACACCTGCCGTGTGGATCACAGGGGTCTACCTTCTTGAAGAACGTG  
 TCCTCCACATGTGCTGCCAGTCCCTCCACAGACATCCTAACCTTACCATCCCCCTCCTTTGCCGACA  
 TCTTCTCAGCAAGTCCGCTAACCTGACCTGTCTGGTCTCAAACCTGGCAACCTATGAAACCTGAATAT  
 CTCCTGGGCTTCTCAAAGTGGTGAACCACTGGAACCAAAATTAATCATGGAAGCCATCCCAATGGC  
 ACCTTCAGTGCTAAGGGTGGCTAGTGTGTTGTGGAAGACTGGAATAACAGGAAGGAATTTGTGTGTA  
 CTGTGACTCACAGGGATCTGCCTTACCACAGAAGAAATCATCTCAAAACCCAATGAGGTGCACAAACA  
 TCCACCTGCTGTACCTGCTGCCACCAGCTCGTGAAGCACTGAACCTGAGGGAGTACGCCACAGTACC  
 TGCCTGGTGAAGGGCTTCTCTCCTGCAGACATCAGTGTGAGTGGCTTACAGAGGGCAACTTTGCCCC  
 AAGAGAAGTATGTGACCAGTCCCCGATGCCAGAGCCTGGGGCCCCAGGCTTCTACTTTACCACAGCAT  
 CCTGACTGTGACAGAGGAGGAATGGAACCTCCGGAGAGACCTATACCTGTGTTGTAAGCCACGAGGCCCTG  
 CCACACCTGGTGACCGAGAGGACCGTGGACAAGTCCACTGAGGGGAGGTGAATGCTGAGGAGGAAGGCT  
 TTGAGAACCTGTGGACCACTGCCTCCACCTTCATCGTCTCTTCTCCTGAGCCTTCTACAGCACCAC  
 CGTCACCTGTCAAGGTGAAATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** BC053409  
**Insert Size:** 1029 bp  
**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).  
**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [BC053409](#)

**RefSeq Size:** 2172 bp

**RefSeq ORF:** 1844 bp

**Locus ID:** 16019

**Cytogenetics:** 12 62.1 cM